

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	Strooper.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 13:06
S2	9	Annaert.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 10:46
S3	2	"5604131".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/31 13:07

(FILE 'HOME' ENTERED AT 15:35:18 ON 31 AUG 2005)

FILE 'MEDLINE, BIOSIS, EMBASE, SCISEARCH, CAPLUS' ENTERED AT 15:35:43 ON
31 AUG 2005

L1 19 S STROOPER
L2 4 S ANNAERT

10/662,651 Results

SEQ ID NO: 5

SUMMARIES

Result No.	Query				ID	Description
	Score	Match	Length	DB		
1	48	100.0	11	6	ABB82612	Abb82612 Amyloid p
2	48	100.0	11	8	ADM72467	Adm72467 Presenili
3	48	100.0	15	6	ABB82620	Abb82620 Amyloid p
4	48	100.0	15	8	ADH89901	Adh89901 Cell pene
5	48	100.0	15	8	ADH89873	Adh89873 Cell pene
6	48	100.0	15	8	ADH89900	Adh89900 Cell pene
7	48	100.0	16	7	ADG37093	Adg37093 Gamma pro
8	48	100.0	17	8	ADG73684	Adg73684 Human APP
9	48	100.0	18	6	ABB82615	Abb82615 Amyloid p
10	48	100.0	23	8	ADM72461	Adm72461 Presenili
11	48	100.0	24	8	ADM72463	Adm72463 Presenili
12	48	100.0	24	8	ADM72458	Adm72458 Presenili
13	48	100.0	26	8	ADM72460	Adm72460 Presenili
14	48	100.0	28	8	ADM72454	Adm72454 Presenili
15	48	100.0	28	8	ADM72431	Adm72431 Presenili

SUMMARIES

Result No.	Query				ID	Description
	Score	Match	Length	DB		
1	48	100.0	49	1	US-08-123-702-45	Sequence 45, Appl
2	48	100.0	55	4	US-09-823-153-10	Sequence 10, Appl
3	48	100.0	59	1	US-08-484-969-3	Sequence 3, Appli
4	48	100.0	59	1	US-08-472-627-3	Sequence 3, Appli
5	48	100.0	59	1	US-08-388-463-3	Sequence 3, Appli
6	48	100.0	97	6	5187153-8	Patent No. 5187153
7	48	100.0	97	6	5220013-8	Patent No. 5220013
8	48	100.0	97	6	5223482-8	Patent No. 5223482
9	48	100.0	97	6	5187153-8	Patent No. 5187153
10	48	100.0	97	6	5220013-8	Patent No. 5220013
11	48	100.0	97	6	5223482-8	Patent No. 5223482
12	48	100.0	99	2	US-08-422-333-3	Sequence 3, Appli
13	48	100.0	99	3	US-08-339-708A-4	Sequence 4, Appli
14	48	100.0	99	3	US-08-339-708A-6	Sequence 6, Appli
15	48	100.0	100	6	5187153-10	Patent No. 5187153

ALIGNMENTS

RESULT 1

US-08-123-702-45

; Sequence 45, Application US/08123702

; Patent No. 5604131

; GENERAL INFORMATION:

; APPLICANT: Wadsworth, Samuel

; APPLICANT: Snyder, Benjamin

; APPLICANT: Reddy, Vermuri, B.

; APPLICANT: Wei, Chamer

; TITLE OF INVENTION: A cDNA Genomic Hybrid Sequence Encoding APP770

; Patent No. 5604131

; TITLE OF INVENTION: Containing a Genomic DNA Insert of the KI and OX-2 Regions

; NUMBER OF SEQUENCES: 45

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Patrea L. Pabst

; STREET: 2800 One Atlantic Center

; STREET: 1201 West Peachtree Street

; CITY: Atlanta

; STATE: GA

```

; COUNTRY: USA
; ZIP: 30309-3450
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,702
; FILING DATE: 17-SEPT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Pabst, Patrea L.
; REGISTRATION NUMBER: 31,284
; REFERENCE/DOCKET NUMBER: TS1121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404)-873-8794
; TELEFAX: (404)-873-8795
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 49 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: mutation
; LOCATION: 29
; OTHER INFORMATION: "Val can be mutated to be Phe"
US-08-123-702-45

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Query Match          100.0%; Score 48; DB 1; Length 49;
Best Local Similarity 100.0%; Pred. No. 0.046;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 TVIVITLVMLK 11
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Db      26 TVIVITLVMLK 36

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SUMMARIES

Result No.	Score	% Match	Length	DB	ID	Description
1	48	100.0	11	16	US-10-662-651A-5	Sequence 5, Appli
2	48	100.0	15	16	US-10-662-651A-13	Sequence 13, Appl
3	48	100.0	18	16	US-10-662-651A-8	Sequence 8, Appli
4	48	100.0	31	16	US-10-662-651A-12	Sequence 12, Appl
5	48	100.0	34	16	US-10-662-651A-7	Sequence 7, Appli
6	48	100.0	41	9	US-09-864-761-36369	Sequence 36369, A
7	48	100.0	44	17	US-10-700-922-5	Sequence 5, Appli
8	48	100.0	49	9	US-09-864-761-33582	Sequence 33582, A
9	48	100.0	49	9	US-09-864-761-34163	Sequence 34163, A
10	48	100.0	55	9	US-09-823-153-10	Sequence 10, Appl
11	48	100.0	55	16	US-10-713-981-10	Sequence 10, Appl
12	48	100.0	55	17	US-10-849-423-6	Sequence 6, Appli
13	48	100.0	59	9	US-09-975-932-1	Sequence 1, Appli
14	48	100.0	59	14	US-10-084-380A-1	Sequence 1, Appli
15	48	100.0	70	9	US-09-155-076-14	Sequence 14, Appl

SUMMARIES

Result No.	Score	% Match	Length	DB	ID	Description
1	48	100.0	82	2	PQ0438	Alzheimer's diseas
2	48	100.0	695	1	A49795	Alzheimer's diseas
3	48	100.0	695	2	A27485	Alzheimer's diseas
4	48	100.0	695	2	S00550	Alzheimer's diseas
5	48	100.0	747	2	JH0773	Alzheimer's diseas

6	48	100.0	770	1	QRHUA4	Alzheimer's diseas
7	43	89.6	57	2	A60045	Alzheimer's diseas
8	43	89.6	57	2	F60045	Alzheimer's diseas
9	43	89.6	57	2	D60045	Alzheimer's diseas
10	43	89.6	57	2	E60045	Alzheimer's diseas
11	43	89.6	57	2	G60045	Alzheimer's diseas
12	43	89.6	57	2	B60045	Alzheimer's diseas
13	41	85.4	191	2	A35981	sperm membrane pro
14	41	85.4	511	2	JC1404	CDEI-box DNA-bindi
15	41	85.4	751	2	A49974	beta-amyloid precu

SUMMARIES

Result No.	% Query			DB	ID	Description
	Score	Match	Length			
1	48	100.0	49	2	O97917	O97917 bos taurus
2	48	100.0	58	1	A4_RABIT	Q28748 oryctolagus
3	48	100.0	58	1	A4_SHEEP	Q28757 ovis aries
4	48	100.0	59	1	A4_BOVIN	Q28053 bos taurus
5	48	100.0	79	2	O35463	O35463 cricetulus
6	48	100.0	113	2	Q8JH58	Q8jh58 chelydra se
7	48	100.0	218	2	Q8BPV5	Q8bpv5 mus musculu
8	48	100.0	384	2	Q8BPC7	Q8bpc7 mus musculu
9	48	100.0	534	2	O93296	O93296 gallus gall
10	48	100.0	693	2	Q98SG0	Q98sg0 xenopus lae
11	48	100.0	695	2	Q6RH29	Q6rh29 canis famil
12	48	100.0	695	2	Q98SF9	Q98sf9 xenopus lae
13	48	100.0	695	2	Q7ZXQ0	Q7zxq0 xenopus lae
14	48	100.0	695	2	Q9DGJ8	Q9dgj8 gallus gall
15	48	100.0	699	2	O57394	O57394 narke japon

10/662,651 Results
SEQ ID NO: 7

SUMMARIES

Result No.	Score	% Query		DB	ID	Description
		Match	Length			
1	148	92.5	34	6	ABB82614	Abb82614 Amyloid p
2	148	92.5	34	8	ADM72434	Adm72434 Presenili
3	148	92.5	36	8	ADM72440	Adm72440 Presenili
4	148	92.5	38	8	ADM72441	Adm72441 Presenili
5	147	91.9	34	8	ADM72445	Adm72445 Presenili
6	145	90.6	34	8	ADM72443	Adm72443 Presenili
7	145	90.6	34	8	ADM72446	Adm72446 Presenili
8	143	89.4	34	8	ADM72444	Adm72444 Presenili
9	142	88.8	34	8	ADM72442	Adm72442 Presenili
10	136	85.0	31	6	ABB82619	Abb82619 Amyloid p
11	134	83.8	34	8	ADM72447	Adm72447 Presenili
12	133.5	83.4	33	8	ADM72436	Adm72436 Presenili
13	132	82.5	30	8	ADM72439	Adm72439 Presenili
14	128	80.0	32	8	ADM72435	Adm72435 Presenili
15	127	79.4	29	8	ADM72438	Adm72438 Presenili

SUMMARIES

Result No.	Score	% Query		DB	ID	Description
		Match	Length			
1	79	49.4	49	1	US-08-123-702-45	Sequence 45, Appl
2	79	49.4	97	6	5187153-8	Patent No. 5187153
3	79	49.4	97	6	5220013-8	Patent No. 5220013
4	79	49.4	97	6	5223482-8	Patent No. 5223482
5	79	49.4	97	6	5187153-8	Patent No. 5187153
6	79	49.4	97	6	5220013-8	Patent No. 5220013
7	79	49.4	97	6	5223482-8	Patent No. 5223482
8	79	49.4	99	2	US-08-422-333-3	Sequence 3, Appli
9	79	49.4	99	3	US-08-339-708A-4	Sequence 4, Appli
10	79	49.4	99	3	US-08-339-708A-6	Sequence 6, Appli
11	79	49.4	100	6	5187153-10	Patent No. 5187153
12	79	49.4	100	6	5220013-10	Patent No. 5220013
13	79	49.4	100	6	5187153-10	Patent No. 5187153
14	79	49.4	100	6	5220013-10	Patent No. 5220013
15	79	49.4	103	2	US-08-404-831-2	Sequence 2, Appli

RESULT 1

US-08-123-702-45

; Sequence 45, Application US/08123702

; Patent No. 5604131

; GENERAL INFORMATION:

; APPLICANT: Wadsworth, Samuel

; APPLICANT: Snyder, Benjamin

; APPLICANT: Reddy, Vermuri, B.

; APPLICANT: Wei, Chamer

; TITLE OF INVENTION: A cDNA Genomic Hybrid Sequence Encoding APP770

; Patent No. 5604131

; TITLE OF INVENTION: Containing a Genomic DNA Insert of the KI and OX-2 Regions

; NUMBER OF SEQUENCES: 45

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Patrea L. Pabst

; STREET: 2800 One Atlantic Center

; STREET: 1201 West Peachtree Street

; CITY: Atlanta

; STATE: GA

; COUNTRY: USA

; ZIP: 30309-3450

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

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;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;      CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/123,702
;      FILING DATE:  17-SEPT-1993
;      CLASSIFICATION:  435
;      ATTORNEY/AGENT INFORMATION:
;      NAME:  Pabst, Patrea L.
;      REGISTRATION NUMBER:  31,284
;      REFERENCE/DOCKET NUMBER:  TSI121
;      TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (404)-873-8794
;      TELEFAX:  (404)-873-8795
;      INFORMATION FOR SEQ ID NO:  45:
;      SEQUENCE CHARACTERISTICS:
;      LENGTH:  49 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;      MOLECULE TYPE:  protein
;      FEATURE:
;      NAME/KEY:  mutation
;      LOCATION:  29
;      OTHER INFORMATION:  "Val can be mutated to be Phe"
US-08-123-702-45

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Query Match          49.4%; Score 79; DB 1; Length 49;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 VVIATVIVITLVMLKKKQ 18
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Db      22 VVIATVIVITLVMLKKKQ 39

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SUMMARIES

Result No.	Query					Description
	Score	Match	Length	DB	ID	
1	79	49.4	49	2	O97917	O97917 bos taurus
2	79	49.4	79	2	O35463	O35463 cricetulus
3	79	49.4	113	2	Q8JH58	Q8jh58 chelydra se
4	79	49.4	218	2	Q8BPV5	Q8bpv5 mus musculu
5	79	49.4	384	2	Q8BPC7	Q8bpc7 mus musculu
6	79	49.4	534	2	O93296	O93296 gallus gall
7	79	49.4	693	2	Q98SG0	Q98sg0 xenopus lae
8	79	49.4	695	2	Q6RH29	Q6rh29 canis famil
9	79	49.4	695	2	Q98SF9	Q98sf9 xenopus lae
10	79	49.4	695	2	Q7ZXQ0	Q7zxq0 xenopus lae
11	79	49.4	695	2	Q9DGJ8	Q9dgj8 gallus gall
12	79	49.4	699	2	O57394	O57394 narke japon
13	79	49.4	733	2	Q6P6Q5	Q6p6q5 rattus norv
14	79	49.4	747	2	Q91963	Q91963 xenopus. ap
15	79	49.4	749	2	Q6NRR1	Q6nrr1 xenopus lae

SUMMARIES

Result No.	Query					Description
	Score	Match	Length	DB	ID	
1	79	49.4	82	2	PQ0438	Alzheimer's diseas
2	79	49.4	695	1	A49795	Alzheimer's diseas
3	79	49.4	695	2	A27485	Alzheimer's diseas
4	79	49.4	695	2	S00550	Alzheimer's diseas
5	79	49.4	747	2	JH0773	Alzheimer's diseas
6	79	49.4	770	1	QRHUA4	Alzheimer's diseas
7	65	40.6	191	2	A35981	sperm membrane pro
8	65	40.6	511	2	JC1404	CDEI-box DNA-bindi
9	65	40.6	751	2	A49974	beta-amyloid precu
10	65	40.6	763	2	A49321	amyloid beta (A4)

11	65	40.6	765	2	S42880	amyloid precursor-
12	61	38.1	1171	2	S57829	genome polyprotein
13	61	38.1	3898	1	GNWVHB	genome polyprotein
14	61	38.1	3898	2	S57437	genome polyprotein
15	59	36.9	57	2	A60045	Alzheimer's diseases

SUMMARIES

Result No.	Query		Length	DB	ID	Description
	Score	Match				
1	79	49.4	49	2	O97917	O97917 bos taurus
2	79	49.4	79	2	O35463	O35463 cricetulus
3	79	49.4	113	2	Q8JH58	Q8jh58 chelydra se
4	79	49.4	218	2	Q8BPV5	Q8bpv5 mus musculu
5	79	49.4	384	2	Q8BPC7	Q8bpc7 mus musculu
6	79	49.4	534	2	O93296	O93296 gallus gall
7	79	49.4	693	2	Q98SG0	Q98sg0 xenopus lae
8	79	49.4	695	2	Q6RH29	Q6rh29 canis famil
9	79	49.4	695	2	Q98SF9	Q98sf9 xenopus lae
10	79	49.4	695	2	Q7ZXQ0	Q7zxq0 xenopus lae
11	79	49.4	695	2	Q9DGJ8	Q9dgj8 gallus gall
12	79	49.4	699	2	O57394	O57394 narke japon
13	79	49.4	733	2	Q6P6Q5	Q6p6q5 rattus norv
14	79	49.4	747	2	Q91963	Q91963 xenopus. ap
15	79	49.4	749	2	Q6NRR1	Q6nrr1 xenopus lae

10/662,651 Results

SEQ ID NO: 8

SUMMARIES

Result No.	Score	Query		DB	ID	Description
		Match	Length			
1	79	100.0	18	6	ABB82615	Abb82615 Amyloid p
2	79	100.0	34	6	ABB82614	Abb82614 Amyloid p
3	79	100.0	34	8	ADM72434	Adm72434 Presenili
4	79	100.0	36	8	ADM72440	Adm72440 Presenili
5	79	100.0	38	8	ADM72441	Adm72441 Presenili
6	79	100.0	41	4	AAM16658	Aam16658 Peptide #
7	79	100.0	41	4	ABB35642	Abb35642 Peptide #
8	79	100.0	41	4	AAM29142	Aam29142 Peptide #
9	79	100.0	41	4	ABB30475	Abb30475 Peptide #
10	79	100.0	41	4	ABB21071	Abb21071 Protein #
11	79	100.0	41	4	AAM56458	Aam56458 Human bra
12	79	100.0	41	4	AAM04374	Aam04374 Peptide #
13	79	100.0	41	5	ABG38416	Abg38416 Human pep
14	79	100.0	44	2	AAW53985	Aaw53985 Human ALZ
15	79	100.0	49	2	AAR35087	Aar35087 Human amy

SUMMARIES

Result No.	Score	Query		DB	ID	Description
		Match	Length			
1	79	100.0	49	1	US-08-123-702-45	Sequence 45, Appl
2	79	100.0	97	6	5187153-8	Patent No. 5187153
3	79	100.0	97	6	5220013-8	Patent No. 5220013
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5	79	100.0	97	6	5187153-8	Patent No. 5187153
6	79	100.0	97	6	5220013-8	Patent No. 5220013
7	79	100.0	97	6	5223482-8	Patent No. 5223482
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9	79	100.0	99	3	US-08-339-708A-4	Sequence 4, Appli
10	79	100.0	99	3	US-08-339-708A-6	Sequence 6, Appli
11	79	100.0	100	6	5187153-10	Patent No. 5187153
12	79	100.0	100	6	5220013-10	Patent No. 5220013
13	79	100.0	100	6	5187153-10	Patent No. 5187153
14	79	100.0	100	6	5220013-10	Patent No. 5220013
15	79	100.0	103	2	US-08-404-831-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1

US-08-123-702-45

; Sequence 45, Application US/08123702

; Patent No. 5604131

; GENERAL INFORMATION:

; APPLICANT: Wadsworth, Samuel

; APPLICANT: Snyder, Benjamin

; APPLICANT: Reddy, Vermuri, B.

; APPLICANT: Wei, Chamer

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; Patent No. 5604131

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; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
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; FILING DATE: 17-SEPT-1993
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; ATTORNEY/AGENT INFORMATION:
; NAME: Pabst, Patrea L.
; REGISTRATION NUMBER: 31,284
; REFERENCE/DOCKET NUMBER: TSI121
; TELECOMMUNICATION INFORMATION:
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; TELEFAX: (404)-873-8795
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 49 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: mutation
; LOCATION: 29
; OTHER INFORMATION: "Val can be mutated to be Phe"
US-08-123-702-45

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Query Match          100.0%; Score 79; DB 1; Length 49;
Best Local Similarity 100.0%; Pred. No. 1.7e-05;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 VVIATVIVITLVMLKKKQ 18
        ||||||||||||||||
Db      22 VVIATVIVITLVMLKKKQ 39

```

SUMMARIES

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1	79	100.0	18	16	US-10-662-651A-8	Sequence 8, Appli
2	79	100.0	34	16	US-10-662-651A-7	Sequence 7, Appli
3	79	100.0	41	9	US-09-864-761-36369	Sequence 36369, A
4	79	100.0	44	17	US-10-700-922-5	Sequence 5, Appli
5	79	100.0	49	9	US-09-864-761-33582	Sequence 33582, A
6	79	100.0	49	9	US-09-864-761-34163	Sequence 34163, A
7	79	100.0	79	17	US-10-700-922-3	Sequence 3, Appli
8	79	100.0	99	14	US-10-183-119-2	Sequence 2, Appli
9	79	100.0	99	17	US-10-486-265-3	Sequence 3, Appli
10	79	100.0	100	9	US-09-794-975-4	Sequence 4, Appli
11	79	100.0	100	15	US-10-275-025-1	Sequence 1, Appli
12	79	100.0	100	15	US-10-275-025-6	Sequence 6, Appli
13	79	100.0	100	15	US-10-275-025-7	Sequence 7, Appli
14	79	100.0	100	17	US-10-849-423-4	Sequence 4, Appli
15	79	100.0	100	17	US-10-486-265-5	Sequence 5, Appli

SUMMARIES

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1	79	100.0	82	2	PQ0438	Alzheimer's diseas
2	79	100.0	695	1	A49795	Alzheimer's diseas
3	79	100.0	695	2	A27485	Alzheimer's diseas
4	79	100.0	695	2	S00550	Alzheimer's diseas

5	79	100.0	747	2	JH0773	Alzheimer's diseas
6	79	100.0	770	1	QRHUA4	Alzheimer's diseas
7	65	82.3	191	2	A35981	sperm membrane pro
8	65	82.3	511	2	JC1404	CDEI-box DNA-bindi
9	65	82.3	751	2	A49974	beta-amyloid precu
10	65	82.3	763	2	A49321	amyloid beta (A4)
11	65	82.3	765	2	S42880	amyloid precursor-
12	59	74.7	57	2	A60045	Alzheimer's diseas
13	59	74.7	57	2	F60045	Alzheimer's diseas
14	59	74.7	57	2	D60045	Alzheimer's diseas
15	59	74.7	57	2	E60045	Alzheimer's diseas

SUMMARIES

Result No.	Query		Length	DB	ID	Description
	Score	Match				
1	79	100.0	49	2	O97917	O97917 bos taurus
2	79	100.0	79	2	O35463	O35463 cricetulus
3	79	100.0	113	2	Q8JH58	Q8jh58 chelydra se
4	79	100.0	218	2	Q8BPV5	Q8bpv5 mus musculu
5	79	100.0	384	2	Q8BPC7	Q8bpc7 mus musculu
6	79	100.0	534	2	O93296	O93296 gallus gall
7	79	100.0	693	2	Q98SG0	Q98sg0 xenopus lae
8	79	100.0	695	2	Q6RH29	Q6rh29 canis famil
9	79	100.0	695	2	Q98SF9	Q98sf9 xenopus lae
10	79	100.0	695	2	Q7ZXQ0	Q7zxq0 xenopus lae
11	79	100.0	695	2	Q9DGJ8	Q9dgj8 gallus gall
12	79	100.0	699	2	O57394	O57394 narke japon
13	79	100.0	733	2	Q6P6Q5	Q6p6q5 rattus norv
14	79	100.0	747	2	Q91963	Q91963 xenopus. ap
15	79	100.0	749	2	Q6NRR1	Q6nrr1 xenopus lae

10/662,651 Results

SEQ ID NO: 12

SUMMARIES

Result No.	Score	Query		DB	ID	Description
		Match	Length			
1	138	94.5	31	6	ABB82619	Abb82619 Amyloid p
2	138	94.5	34	6	ABB82614	Abb82614 Amyloid p
3	138	94.5	34	8	ADM72434	Adm72434 Presenili
4	138	94.5	36	8	ADM72440	Adm72440 Presenili
5	138	94.5	38	8	ADM72441	Adm72441 Presenili
6	137	93.8	34	8	ADM72445	Adm72445 Presenili
7	135	92.5	34	8	ADM72443	Adm72443 Presenili
8	135	92.5	34	8	ADM72446	Adm72446 Presenili
9	134	91.8	30	8	ADM72439	Adm72439 Presenili
10	133	91.1	34	8	ADM72444	Adm72444 Presenili
11	132	90.4	34	8	ADM72442	Adm72442 Presenili
12	129	88.4	29	8	ADM72438	Adm72438 Presenili
13	124	84.9	34	8	ADM72447	Adm72447 Presenili
14	122.5	83.9	33	8	ADM72436	Adm72436 Presenili
15	117	80.1	32	8	ADM72435	Adm72435 Presenili

SUMMARIES

Result No.	Score	Query		DB	ID	Description
		Match	Length			
1	67	45.9	49	1	US-08-123-702-45	Sequence 45, Appl
2	67	45.9	97	6	5187153-8	Patent No. 5187153
3	67	45.9	97	6	5220013-8	Patent No. 5220013
4	67	45.9	97	6	5223482-8	Patent No. 5223482
5	67	45.9	97	6	5187153-8	Patent No. 5187153
6	67	45.9	97	6	5220013-8	Patent No. 5220013
7	67	45.9	97	6	5223482-8	Patent No. 5223482
8	67	45.9	99	2	US-08-422-333-3	Sequence 3, Appli
9	67	45.9	99	3	US-08-339-708A-4	Sequence 4, Appli
10	67	45.9	99	3	US-08-339-708A-6	Sequence 6, Appli
11	67	45.9	100	6	5187153-10	Patent No. 5187153
12	67	45.9	100	6	5220013-10	Patent No. 5220013
13	67	45.9	100	6	5187153-10	Patent No. 5187153
14	67	45.9	100	6	5220013-10	Patent No. 5220013
15	67	45.9	103	2	US-08-404-831-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1

US-08-123-702-45

; Sequence 45, Application US/08123702

; Patent No. 5604131

; GENERAL INFORMATION:

; APPLICANT: Wadsworth, Samuel

; APPLICANT: Snyder, Benjamin

; APPLICANT: Reddy, Vermuri, B.

; APPLICANT: Wei, Chamer

; TITLE OF INVENTION: A cDNA Genomic Hybrid Sequence Encoding APP770

; Patent No. 5604131

; TITLE OF INVENTION: Containing a Genomic DNA Insert of the KI and OX-2 Regions

; NUMBER OF SEQUENCES: 45

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Patrea L. Pabst

; STREET: 2800 One Atlantic Center

; STREET: 1201 West Peachtree Street

; CITY: Atlanta

; STATE: GA

```

; COUNTRY: USA
; ZIP: 30309-3450
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,702
; FILING DATE: 17-SEPT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Pabst, Patrea L.
; REGISTRATION NUMBER: 31,284
; REFERENCE/DOCKET NUMBER: TSI121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404)-873-8794
; TELEFAX: (404)-873-8795
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 49 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: mutation
; LOCATION: 29
; OTHER INFORMATION: "Val can be mutated to be Phe"
US-08-123-702-45

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Query Match          45.9%; Score 67; DB 1; Length 49;
Best Local Similarity 100.0%; Pred. No. 0.0038;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 ATVIVITLVMLKKKQ 15
        |||||||||||||
Db      25 ATVIVITLVMLKKKQ 39

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SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	146	100.0	31	16	US-10-662-651A-12	Sequence 12, Appl
2	129	88.4	34	16	US-10-662-651A-7	Sequence 7, Appli
3	71	48.6	16	15	US-10-335-057A-39	Sequence 39, Appl
4	71	48.6	16	16	US-10-662-651A-20	Sequence 20, Appl
5	71	48.6	24	16	US-10-662-651A-16	Sequence 16, Appl
6	71	48.6	28	16	US-10-662-651A-17	Sequence 17, Appl
7	71	48.6	32	16	US-10-662-651A-10	Sequence 10, Appl
8	67	45.9	15	16	US-10-662-651A-13	Sequence 13, Appl
9	67	45.9	18	16	US-10-662-651A-8	Sequence 8, Appli
10	67	45.9	41	9	US-09-864-761-36369	Sequence 36369, A
11	67	45.9	44	17	US-10-700-922-5	Sequence 5, Appli
12	67	45.9	49	9	US-09-864-761-33582	Sequence 33582, A
13	67	45.9	49	9	US-09-864-761-34163	Sequence 34163, A
14	67	45.9	79	17	US-10-700-922-3	Sequence 3, Appli
15	67	45.9	99	14	US-10-183-119-2	Sequence 2, Appli

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	67	45.9	82	2	PQ0438	Alzheimer's diseas
2	67	45.9	695	1	A49795	Alzheimer's diseas
3	67	45.9	695	2	A27485	Alzheimer's diseas
4	67	45.9	695	2	S00550	Alzheimer's diseas

5	67	45.9	747	2	JH0773	Alzheimer's diseas
6	67	45.9	770	1	QRHUA4	Alzheimer's diseas
7	60	41.1	1171	2	S57829	genome polyprotein
8	60	41.1	3898	1	GNWVHB	genome polyprotein
9	60	41.1	3898	2	S57437	genome polyprotein
10	57	39.0	191	2	A35981	sperm membrane pro
11	57	39.0	511	2	JC1404	CDEI-box DNA-bindi
12	57	39.0	751	2	A49974	beta-amyloid precu
13	57	39.0	763	2	A49321	amyloid beta (A4)
14	57	39.0	765	2	S42880	amyloid precursor-
15	55	37.7	60	2	H87593	hypothetical prote

SUMMARIES

Result		Query				Description
No.	Score	Match	Length	DB	ID	
1	67	45.9	49	2	O97917	O97917 bos taurus
2	67	45.9	79	2	O35463	O35463 cricetulus
3	67	45.9	113	2	Q8JH58	Q8jh58 chelydra se
4	67	45.9	218	2	Q8BPV5	Q8bpv5 mus musculu
5	67	45.9	384	2	Q8BPC7	Q8bpc7 mus musculu
6	67	45.9	534	2	O93296	O93296 gallus gall
7	67	45.9	693	2	Q98SG0	Q98sg0 xenopus lae
8	67	45.9	695	2	Q6RH29	Q6rh29 canis famil
9	67	45.9	695	2	Q98SF9	Q98sf9 xenopus lae
10	67	45.9	695	2	Q7ZXQ0	Q7zxq0 xenopus lae
11	67	45.9	695	2	Q9DGJ8	Q9dgj8 gallus gall
12	67	45.9	699	2	O57394	O57394 narke japon
13	67	45.9	733	2	Q6P6Q5	Q6p6q5 rattus norv
14	67	45.9	747	2	Q91963	Q91963 xenopus. ap
15	67	45.9	749	2	Q6NRR1	Q6nrr1 xenopus lae

10/662,651 Results

SEQ ID NO: 13

SUMMARIES

Result No.	Score	% Query		Length	DB	ID	Description
		Match					
1	67	100.0		15	6	ABB82620	Abb82620 Amyloid p
2	67	100.0		18	6	ABB82615	Abb82615 Amyloid p
3	67	100.0		31	6	ABB82619	Abb82619 Amyloid p
4	67	100.0		34	6	ABB82614	Abb82614 Amyloid p
5	67	100.0		34	8	ADM72434	Adm72434 Presenili
6	67	100.0		36	8	ADM72440	Adm72440 Presenili
7	67	100.0		38	8	ADM72441	Adm72441 Presenili
8	67	100.0		41	4	AAM16658	Aam16658 Peptide #
9	67	100.0		41	4	ABB35642	Abb35642 Peptide #
10	67	100.0		41	4	AAM29142	Aam29142 Peptide #
11	67	100.0		41	4	ABB30475	Abb30475 Peptide #
12	67	100.0		41	4	ABB21071	Abb21071 Protein #
13	67	100.0		41	4	AAM56458	Aam56458 Human bra
14	67	100.0		41	4	AAM04374	Aam04374 Peptide #
15	67	100.0		41	5	ABG38416	Abg38416 Human pep

SUMMARIES

Result No.	Score	% Query		Length	DB	ID	Description
		Match					
1	67	100.0		49	1	US-08-123-702-45	Sequence 45, Appl
2	67	100.0		97	6	5187153-8	Patent No. 5187153
3	67	100.0		97	6	5220013-8	Patent No. 5220013
4	67	100.0		97	6	5223482-8	Patent No. 5223482
5	67	100.0		97	6	5187153-8	Patent No. 5187153
6	67	100.0		97	6	5220013-8	Patent No. 5220013
7	67	100.0		97	6	5223482-8	Patent No. 5223482
8	67	100.0		99	2	US-08-422-333-3	Sequence 3, Appli
9	67	100.0		99	3	US-08-339-708A-4	Sequence 4, Appli
10	67	100.0		99	3	US-08-339-708A-6	Sequence 6, Appli
11	67	100.0		100	6	5187153-10	Patent No. 5187153
12	67	100.0		100	6	5220013-10	Patent No. 5220013
13	67	100.0		100	6	5187153-10	Patent No. 5187153
14	67	100.0		100	6	5220013-10	Patent No. 5220013
15	67	100.0		103	2	US-08-404-831-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1

US-08-123-702-45

; Sequence 45, Application US/08123702

; Patent No. 5604131

; GENERAL INFORMATION:

; APPLICANT: Wadsworth, Samuel

; APPLICANT: Snyder, Benjamin

; APPLICANT: Reddy, Vermuri, B.

; APPLICANT: Wei, Chamer

; TITLE OF INVENTION: A cDNA Genomic Hybrid Sequence Encoding APP770

; Patent No. 5604131

; TITLE OF INVENTION: Containing a Genomic DNA Insert of the KI and OX-2 Regions

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; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Patrea L. Pabst

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; STREET: 1201 West Peachtree Street

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; STATE: GA

; COUNTRY: USA

```

; ZIP: 30309-3450
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,702
; FILING DATE: 17-SEPT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Pabst, Patrea L.
; REGISTRATION NUMBER: 31,284
; REFERENCE/DOCKET NUMBER: TSI121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404)-873-8794
; TELEFAX: (404)-873-8795
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 49 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: mutation
; LOCATION: 29
; OTHER INFORMATION: "Val can be mutated to be Phe"
US-08-123-702-45

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Query Match          100.0%; Score 67; DB 1; Length 49;
Best Local Similarity 100.0%; Pred. No. 0.00012;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 ATVIVITLVMLKKKQ 15
        ||||||||||||
Db      25 ATVIVITLVMLKKKQ 39

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SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	67	100.0	15	16	US-10-662-651A-13	Sequence 13, Appl
2	67	100.0	18	16	US-10-662-651A-8	Sequence 8, Appli
3	67	100.0	31	16	US-10-662-651A-12	Sequence 12, Appl
4	67	100.0	34	16	US-10-662-651A-7	Sequence 7, Appli
5	67	100.0	41	9	US-09-864-761-36369	Sequence 36369, A
6	67	100.0	44	17	US-10-700-922-5	Sequence 5, Appli
7	67	100.0	49	9	US-09-864-761-33582	Sequence 33582, A
8	67	100.0	49	9	US-09-864-761-34163	Sequence 34163, A
9	67	100.0	79	17	US-10-700-922-3	Sequence 3, Appli
10	67	100.0	99	14	US-10-183-119-2	Sequence 2, Appli
11	67	100.0	99	17	US-10-486-265-3	Sequence 3, Appli
12	67	100.0	100	9	US-09-794-975-4	Sequence 4, Appli
13	67	100.0	100	15	US-10-275-025-1	Sequence 1, Appli
14	67	100.0	100	15	US-10-275-025-6	Sequence 6, Appli
15	67	100.0	100	15	US-10-275-025-7	Sequence 7, Appli

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	67	100.0	82	2	PQ0438	Alzheimer's diseas
2	67	100.0	695	1	A49795	Alzheimer's diseas
3	67	100.0	695	2	A27485	Alzheimer's diseas
4	67	100.0	695	2	S00550	Alzheimer's diseas
5	67	100.0	747	2	JH0773	Alzheimer's diseas

6	67	100.0	770	1	QRHUA4	Alzheimer's diseas
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8	57	85.1	511	2	JC1404	CDEI-box DNA-bind
9	57	85.1	751	2	A49974	beta-amyloid precu
10	57	85.1	763	2	A49321	amyloid beta (A4)
11	57	85.1	765	2	S42880	amyloid precursor-
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13	47	70.1	57	2	F60045	Alzheimer's diseas
14	47	70.1	57	2	D60045	Alzheimer's diseas
15	47	70.1	57	2	E60045	Alzheimer's diseas

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	67	100.0	49	2	O97917	O97917 bos taurus
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3	67	100.0	113	2	Q8JH58	Q8jh58 chelydra se
4	67	100.0	218	2	Q8BPV5	Q8bpv5 mus musculu
5	67	100.0	384	2	Q8BPC7	Q8bpc7 mus musculu
6	67	100.0	534	2	O93296	O93296 gallus gall
7	67	100.0	693	2	Q98SG0	Q98sg0 xenopus lae
8	67	100.0	695	2	Q6RH29	Q6rh29 canis famil
9	67	100.0	695	2	Q98SF9	Q98sf9 xenopus lae
10	67	100.0	695	2	Q7ZXQ0	Q7zxq0 xenopus lae
11	67	100.0	695	2	Q9DGJ8	Q9dgj8 gallus gall
12	67	100.0	699	2	O57394	O57394 narke japon
13	67	100.0	733	2	Q6P6Q5	Q6p6q5 rattus norv
14	67	100.0	747	2	Q91963	Q91963 xenopus. ap
15	67	100.0	749	2	Q6NRR1	Q6nrr1 xenopus lae